

THE following Returns of Births and Deaths registered in South Australia during the undermentioned period are published for general information.

Chief Secretary's Office, Adelaide, December 16th, 1898.
J. V. O'LOUGHLIN, Chief Secretary.

Return of Births and Deaths registered in South Australia, exclusive of the Northern Territory, in the Month of October, 1893-98.

Years	1893.	1894.	1895.	1896.	1897.	Average of Five Years.	1898.												Total for 1898.
*Population, Oct. 1st.	338,724	343,460	349,115	351,316	353,319		358,657												
Births.....	859	885	863	795	750	830	668												7,648
Rate per cent.	254	258	247	226	212	—	186												
Deaths—							All Ages.	Under 1 year.	1 and under 5.	6 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not stated.	+Coroners' inquiries.	+Uncertified causes of Death.		
All causes	381	292	351	275	247	309	340	87	58	31	37	46	61	20	—	42	10	3,714	
Rate per cent.	112	85	101	78	70	—	95	—	—	—	—	—	—	—	—	—	—		
Diseases—																			
i. Specific Febrile or Zymotic ..	85	26	40	24	10	—	82	35	26	13	1	4	1	2	—	—	—		
ii. Parasitic	1	2	2	1	1	—	—	—	—	—	—	—	—	—	—	—	—		
iii. Dietic	—	2	2	—	2	—	1	—	—	—	—	1	—	—	—	—	—		
iv. Constitutional..	59	47	72	63	52	—	50	1	3	4	18	12	11	1	—	—	—		
v. Developmental..	40	36	42	28	25	—	39	13	—	—	—	—	12	14	—	—	—		
vi. Local	159	148	163	126	124	—	137	28	23	12	11	24	36	3	—	—	—		
vii. Violence	19	16	15	23	17	—	20	1	5	2	7	4	1	—	—	—	—		
viii. Ill-defined and not specified causes	18	15	15	10	16	—	11	9	1	—	—	1	—	—	—	—	—		

* The numbers represent the population of South Australia proper, and are exclusive of that of the Northern Territory (European and Chinese), and also of the number of the aborigines.
+ Including inquests.
‡ Not certified by qualified practitioners.

Causes of Deaths registered in the Month of October, 1898.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			V.			Diseases of locomotive system	1	1
Measles	1	10	Premature birth.....	11	—	Diseases of integumentary system.....	—	2
Scarlet fever	—	3	Cyanosis	1	—	VII.		
Relapsing fever	—	—	Congenital defects	1	—	(Accident.)		
Influenza ..	1	3	Old age	—	26	Fracture and contusion....	—	7
Whooping-cough	19	17	VI.			Gunshot wound	—	1
Diphtheria	—	4	Apoplexy	—	5	Cut, stab.....	—	—
Simple and ill-defined fever..	—	1	Epilepsy	—	3	Burn and scald	—	3
Enteric fever	—	2	Convulsions	3	1	Poison	—	1
Simple cholera	—	—	Other diseases of brain and nervous system	2	10	Drowning	—	4
Diarrhoea, dysentery.....	12	3	Diseases of organs of special sense	—	—	Suffocation	—	—
Remittent fever	—	—	Diseases of circulatory system	2	31	Otherwise	1	1
Venereal affections.....	—	1	Croup	—	—	(Homicide.)		
Erysipelas	1	—	Bronchitis	6	7	Murder and manslaughter..	—	—
Pyæmia and septicæmia	1	1	Pneumonia	6	15	(Suicide.)		
Puerperal fever	—	1	Pleurisy	—	2	Gunshot wound.....	—	1
Other zymotic diseases	—	1	Other diseases of respiratory system.....	1	4	Cut, stab.....	—	—
II.			Dentition	1	3	Poison	—	—
Thrush	—	—	Quinsy, sore throat	—	—	Drowning	—	—
Worms and other parasitical diseases	—	—	Enteritis	5	1	Hanging	—	1
III.			Peritonitis	—	2	Otherwise	—	—
Privation—want of breast milk	—	—	Diseases of liver.....	—	5	(Execution.)		
Alcoholism	—	1	Other diseases of digestive system.....	1	5	Hanging	—	—
IV.			Diseases of lymphatic system.....	—	—	VIII.		
Rheumatic fever and rheumatism of heart	—	1	Diseases of urinary system	—	10	Dropsy	—	—
Rheumatism	—	—	Diseases of generative system	—	1	Debility, atrophy, inanition	9	2
Gout	—	1	Accidents of childbirth....	—	1	Mortification	—	—
Cancer, malignant disease	—	15				Tumor	—	—
Tabes mesenterica	—	—				Abscess	—	—
Tubercular meningitis	—	2				Hæmorrhage	—	—
Phtisis	—	21				Sudden, cause unascertained	—	—
Scrofula, tuberculosis	1	4				Other ill-defined and not specified causes	—	—
Other constitutional diseases..	—	5						

Return of Births and Deaths registered in the City of Adelaide in the Month of October, 1893-98.

Years	1893.	1894.	1895.	1896.	1897.	Average of Five Years.	1898.											Total for 1898.
Population, Jan. 1st	39,073	39,749	40,167	40,406	40,384		40,475											
Births	95	88	108	98	78	93	67											847
Rate per cent.	·243	·221	·269	·243	·193	—	·166											
Deaths—							All Ages.	Under 1 year.	1 and under 6.	6 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not stated.	*Coroner's inquiries.	+Uncerti- fied causes of death.	
All causes	75	61	80	56	51	65	82	16	18	9	9	15	13	2	—	5	—	821
Rate per cent.	·192	·153	·199	·139	·126	—	·203	—	—	—	—	—	—	—	—	—	—	
Diseases—																		
I. Specific Febrile or Zymotic ..	12	3	8	5	1	—	28	7	13	6	1	1	—	—	—	—	—	
II. Parasitic	1	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	
III. Dietic	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
IV. Constitutional..	19	13	19	14	8	—	11	—	1	1	3	4	2	—	—	—	—	
V. Developmental..	8	6	11	7	8	—	8	2	—	—	—	—	4	2	—	—	—	
VI. Local	24	34	40	21	26	—	31	7	4	2	3	9	6	—	—	—	—	
VII. Violence	5	1	2	8	5	—	4	—	—	—	2	1	1	—	—	—	—	
VIII. Ill-defined and not specified causes	6	2	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	

* Including inquests. + Not certified by qualified practitioners.

Causes of Deaths registered in the Month of October, 1898.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Scrofula, tuberculosis	—	—	Accidents of childbirth	—	—
Measles	—	5	Other constitutional diseases	—	—	Diseases of locomotive system	—	1
Scarlet fever	—	—				Diseases of integumentary system	—	—
Relapsing fever	—	—	V.					
Influenza	—	—	Premature birth	2	—	VII. (Accident.)		
Whooping-cough	5	10	Cyanosis	—	—	Fracture and contusion....	—	2
Diphtheria	—	3	Congenital defects	—	—	Gunshot wound	—	—
Simple and ill-defined fever..	—	—	Old age	—	6	Cut, stab	—	—
Enteric fever	—	1				Burn and scald	—	1
Simple cholera	—	—	VI.			Poison	—	—
Diarrhoea, dysentery	2	—	Apoplexy	—	—	Drowning	—	—
Remittent fever	—	—	Epilepsy	—	—	Suffocation	—	—
Venereal affections	—	—	Convulsions	—	—	Otherwise ..	—	—
Erysipelas	—	—	Other diseases of brain and nervous system	1	2	(Homicide.)		
Pyæmia and septicæmia	—	—	Diseases of organs of special sense	—	—	Murder and manslaughter..	—	—
Puerperal fever	—	1	Diseases of circulatory system	—	9	(Suicide.)		
Other zymotic diseases	—	1	Croup	—	—	Gunshot wound	—	—
II.			Bronchitis	1	2	Cut, stab	—	—
Thrush	—	—	Pneumonia	2	4	Poison	—	—
Worms and other parasitical diseases	—	—	Pleurisy	—	—	Drowning	—	—
III.			Other diseases of respiratory system	—	1	Hanging	—	—
Privation—want of breast milk	—	—	Dentition	1	—	Otherwise ..	—	1
Alcoholism	—	—	Quinsy, sore throat	—	—	(Execution)		
IV.			Enteritis	2	—	Hanging	—	—
Rheumatic fever and rheuma- tism of heart	—	—	Peritonitis	—	—	VIII.		
Rheumatism	—	—	Diseases of liver	—	1	Dropsy	—	—
Gout	—	1	Other diseases of digestive system	—	1	Debility, atrophy, inanition	—	—
Cancer, malignant disease ..	—	4	Diseases of lymphatic sys- tem and of ductless glands	—	—	Mortification	—	—
Tabes mesenterica	—	—	Diseases of urinary system	—	2	Tumor	—	—
Tubercular meningitis	—	—	Diseases of generative system	—	1	Abscess	—	—
Phthisis	—	6				Hæmorrhage	—	—
						Sudden, cause unascertained	—	—
						Other ill-defined and not specified causes	—	—

Return of Births and Deaths registered in each Ward of the City of Adelaide, exclusive of Deaths in Public Institutions, of persons not usually resident in the city, in the Month of October, 1898.

	Total.	Hindmarsh.	Gawler.	Grey.	Young.	Robe.	MacDonnell.
Area in acres.....	3,632	573	659	552	718	480	650
Estimated population January 1st	40,475	6,233	7,080	8,632	9,949	3,651	4,930
Persons to an acre	11.1	10.9	10.7	15.6	13.9	7.6	7.6
Births	67	8	9	16	24	3	7
Male	36	6	6	9	9	1	5
Female	31	2	3	7	15	2	2
Deaths	69	13	16	17	14	3	6
Male	32	4	8	7	8	1	4
Female	37	9	8	10	6	2	2
CLASSES.							
i. Specific Febrile or Zymotic Diseases.....	28	3	7	8	9	—	1
ii. Parasitic Diseases	—	—	—	—	—	—	—
iii. Dietic Diseases.....	—	—	—	—	—	—	—
iv. Constitutional Diseases	8	4	2	—	—	1	1
v. Developmental Diseases	7	2	2	2	1	—	—
vi. Local Diseases	23	4	4	5	4	2	4
vii. Violence.....	3	—	1	2	—	—	—
viii. Ill-defined and not specified causes	—	—	—	—	—	—	—
Percentage of Deaths to population of each Ward170	.209	.226	.197	.141	.082	.122

Causes of Deaths registered in the Month of October, 1898.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Phthisis	—	5	Accidents of childbirth	—	—
Measles	—	5	Scrofula, tuberculosis	—	—	Diseases of locomotive system	—	1
Scarlet fever	—	—	Other constitutional diseases.	—	—	Diseases of integumentary system	—	—
Relapsing fever	—	—	V.			VII.		
Influenza	—	—	Premature birth	2	—	(Accident.)		
Whooping-cough	5	10	Cyanosis	—	—	Fracture and contusion	—	1
Diphtheria	—	3	Congenital defects	—	—	Gunshot wound	—	—
Simple and ill-defined fever ..	—	—	Old age	—	5	Cut, stab	—	—
Enteric fever	—	1	VI.			Burn and scald	—	1
Simple cholera	—	—	Apoplexy	—	—	Poison	—	—
Diarrhoea, dysentery	2	—	Epilepsy	—	—	Drowning	—	—
Remittent fever.....	—	—	Convulsions	—	—	Suffocation	—	—
Venereal affections.....	—	—	Other diseases of brain and nervous system.....	1	1	Otherwise	—	—
Erysipelas	—	—	Diseases of organs of special sense	—	—	(Homicide.)		
Pyæmia and septicæmia	—	—	Diseases of circulatory system	—	3	Murder and manslaughter ..	—	—
Puerperal fever	—	1	Croup	1	2	(Execution)		
Other zymotic diseases	—	1	Bronchitis	2	4	Hanging	—	—
II.			Pneumonia ..	—	—	(Suicide.)		
Thrush	—	—	Pleurisy	—	—	Gunshot wound	—	—
Worms and other parasitical diseases	—	—	Other diseases of respiratory system	—	1	Cut, stab	—	—
III.			Dentition	1	—	Poison	—	—
Privation — Want of breast milk.....	—	—	Quinsy, sore throat ..	—	—	Drowning	—	—
Alcoholism	—	—	Enteritis	2	—	Hanging	—	—
IV.			Peritonitis	—	—	Otherwise	—	1
Rheumatic fever and rheumatism of heart	—	—	Diseases of liver	—	—	VIII.		
Rheumatism	—	—	Other diseases of digestive system	—	1	Dropsy	—	—
Gout	—	1	Diseases of lymphatic system and of ductless glands	—	—	Debility, atrophy, inanition ..	—	—
Cancer, malignant disease ..	—	2	Diseases of urinary system ..	—	2	Mortification.....	—	—
Tabes mesenterica	—	—	Diseases of generative system ..	—	1	Tumor	—	—
Tubercular meningitis	—	—				Abscess	—	—
						Hæmorrhage	—	—
						Sudden, cause unascertained ..	—	—
						Other ill-defined and not specified causes	—	—

G. H. AYLIFFE, Registrar of Births and Deaths.

OCTOBER, 1898.

The highest temperature in the shade at the Adelaide Observatory during the month was $90^{\circ}\cdot 7$ on the 16th; and the lowest, $41^{\circ}\cdot 8$, on the 28th. The mean temperature of the month was $63^{\circ}\cdot 7$.

The greatest range of the thermometer in one day, $42^{\circ}\cdot 7$, took place on the 16th, viz., from a maximum of $90^{\circ}\cdot 7$ to a minimum of $48^{\circ}\cdot 0$; the lowest range, $14^{\circ}\cdot 3$, on the 7th.

The mean height of the barometer was 29·754 inches; the maximum, 30·138 inches, occurred on the 2nd; and the minimum, 29·265 inches, on the 26th.

Observatory, Adelaide, November 8th, 1898.

C. Todd, Observer.